# Author index


Antonenko, Y.N., see Pohl, P. (1027) 295
Arias, H.R., Sankaram, M.B., Marsh, D. and Barrantes, F.J.
Effect of local anaesthetics on steroid-nicotinic acetylcholine receptor interactions in native membranes of *Torpedo marmorata* electric organ (1027) 287
Aronson, J.K., see Kennedy, D.G. (1027) 218

Barhoumi, R., see Mouneimne, Y. (1027) 53
Barrantes, F.J., see Arias, H.R. (1027) 287
Baz, M., see Monti, J.P. (1027) 31
Beaugé, L., see Blanco, G. (1027) 1
Beauloye, V., see Jadot, M. (1027) 205
Beeler, T.
Oxidation of sulfhydryl groups and inhibition of the ($Ca^{2+}$+ $Mg^{2+}$)-ATPase by arsenazo III (1027) 264
Bégin, M.E., see Oth, D. (1027) 47
Benaim, G. and Romero, P.J.
A calcium pump in plasma membrane vesicles from *Leishmania braziliensis* (1027) 79
Bentzel, C.J., see Fromm, M. (1027) 179
Berberian, G., see Blanco, G. (1027) 1
Bergin, L., see Dantzig, A.H. (1027) 211
Berland, Y.F., see Monti, J.P. (1027) 31
Bhushan, A. and McNamee, M.G.
Differential scanning calorimetry and Fourier transform infrared analysis of lipid–protein interactions involving the nicotinic acetylcholine receptor (1027) 93
Biélande, V., see Jadot, M. (1027) 205
Blanco, G., Berberian, G. and Beaugé, L.
Detection of a highly ouabain sensitive isoform of rat brainstem Na,K-ATPase (1027) 1
Bloomfield, J.G., see Kennedy, D.G. (1027) 218
Boscoboinik, D., Debanne, M.T., Stafford, A.R., Jung, C.Y., Gupta, R.S. and Epand, R.M.
Dimerization of the P-glycoprotein in membranes (1027) 225
Boyan, B.D., see Schwartz, Z. (1027) 278
Breitbart, H., Wehbie, R. and Lardy, H.
Regulation of calcium transport in bovine spermatozoa (1027) 72

Campione, A.L., see Van Winkle, L.J. (1027) 268
Capek, K., see Gögelein, H. (1027) 191
Caride, A.J., Rossi, J.P.F.C., Garrahan, P.J. and Rega, A.F.
Does calmodulin regulate the affinity of the human red cell $Ca^{2+}$ pump for ATP? (1027) 21
Cassano, G., see Maffia, M. (1027) 8
Chi, L.-M., Wu, W., Sung, K.-L.P. and Chien, S.
Biophysical correlates of lysophosphatidylcholine- and ethanol-mediated shape transformation and hemolysis of human erythrocytes. Membrane viscoelasticity and NMR measurement (1027) 163
Chien, S., see Chi, L.-M. (1027) 163
Collura, V. and Letellier, L.
Mechanism of penetration and of action of local anesthetics in *Escherichia coli* cells (1027) 238
Crevat, A.D., see Monti, J.P. (1027) 31
Czapińska, E., see Dąbrowska, A. (1027) 301

Dąbrowska, A. and Czapińska, E.
Limited proteolysis of bovine muscle and heart lactate dehydrogenase is inhibited by phospholipid liposome interaction (1027) 301
Dantzig, A.H. and Bergin, L.
Uptake of the cephalosporin, cephalexin, by a dipeptide transport carrier in the human intestinal cell line, Caco-2 (1027) 211
Debanne, M.T., see Boscoboinik, D. (1027) 225
De Cuyper, M. and Joniau, M.
Potentialities of magnetoliposomes in studying symmetric and asymmetric phospholipid transfer processes (1027) 172
De Kruijff, B., see Demel, R.A. (1027) 155
Demel, R.A., Goormaghtigh, E. and De Kruijff, B.
Lipid and peptide specificities in signal peptide–lipid interactions in model membranes (1027) 155
Devaux, P.F., see Herrmann, A. (1027) 41

Ells, G., see Oth, D. (1027) 47
Elsen, R., see Monti, J.P. (1027) 31
Epand, R.M., see Boscoboinik, D. (1027) 225
Escobar, E., Galindo, F. and Parisi, M.
Water handling in the human distal colon in vitro: role of $Na^+$, $Cl^-$ and $HCO_3^-$ (1027) 257

Farrington, B.H., see Van Winkle, L.J. (1027) 268
Friedmann, B., see Wehner, G. (1027) 105
Fromm, M., Tykocinski, M., Schulzke, J.-D., Hegel, U. and Bentzel, C.J.
pH dependence of protamine action on apical membrane permeability in *Necturus* gallbladder epithelium (1027) 179
Fujita, Y., see Katsu, T. (1027) 185

Galanter, W.L. and Labotka, R.J.
The temperature dependence of human erythrocyte transport of phosphate, phosphite and hypophosphite (1027) 65
Galindo, F., see Escobar, E. (1027) 257
Gárdos, G., see Sarkadi, B. (1027) 130
Garrahan, P.J., see Caride, A.J. (1027) 21
Girbig, F., see Kramer, W. (1027) 25
Gögelein, H. and Capek, K.
Quinine inhibits chloride and nonselective cation channels in isolated rat distal colon cells (1027) 191
Gold, J.C. and Phillips, M.C.
Effects of membrane lipid composition on the kinetics of cholesterol exchange between lipoproteins and different species of red blood cells (1027) 85
Goormaghtigh, E., see Demel, R.A. (1027) 155
Gottesman, M.M., see Horio, M. (1027) 116
Grahame-Smith, D.G., see Kennedy, D.G. (1027) 218
Granoth, R., see Ilani, A. (1027) 199
Grunwald, R. and Painter, G.R.
The effects of lipid composition on the binding of lasalocid A to small unilamellar vesicles (1027) 245
Gupta, R.S., see Boscoboinik, D. (1027) 225
Gutjahr, U., see Kramer, W. (1027) 25

Handler, J.S., see Horio, M. (1027) 116
Hardeman, D., Versantvoort, C., Van den Brink, J.M. and Van den Bosch, H.
Studies on peroxisomal membranes (1027) 149

Hegel, U., see Fromm, M. (1027) 179
Herrmann, A. and Devaux, P.F.
Alteration of the aminophospholipid translocase activity during in vivo and artificial aging of human erythrocytes (1027) 41
Horio, M., Pastan, I., Gottesman, M.M. and Handler, J.S.
Transepithelial transport of vinblastine by kidney-derived cell lines. Application of a new kinetic model to estimate in situ $K_m$ of the pump (1027) 116
Hübner, W., Wong, P.T.T. and Mantsch, H.H.
The effect of hydrostatic pressure on the bilayer structure of phosphatidylcholines containing ω-cyclohexyl fatty acyl chains (1027) 229

Ilani, A. and Granoth, R.
The pH dependence of the hemolytic potency of bile salts (1027) 199

Jadot, M., Biélande, V., Beauloye, V., Wattiaux-De Coninck, S. and Wattiaux, R.
Cytotoxicity and effect of glycyl-D-phenylalanine-2-naphthylamide on lysosomes (1027) 205
Joniau, M., see De Cuyper, M. (1027) 172
Jung, C.Y., see Boscoboinik, D. (1027) 225

Kametani, F., see Kitagawa, S. (1027) 123
Katsu, T., Kuroko, M., Morikawa, T., Sanchika, K., Yamanaka, H., Shinoda, S. and Fujita, Y.
Interaction of wasp venom mastoparan with biomembranes (1027) 185
Kennedy, D.G., Aronson, J.K., Bloomfield, J.G. and Grahame-Smith, D.G.
The effects of a low extracellular concentration of potassium on the activity and numbers of $Na^+/K^+$ pumps in an EB-virus transformed human lymphocyte cell line (1027) 218
Kitagawa, S., Kametani, F., Tsuchiya, K. and Sakurai, H.
ESR analysis with long-chain alkyl spin labels in bovine blood platelets. Relationship between the increase in membrane fluidity by alcohols and phenolic compounds and their inhibitory effects on aggregation (1027) 123
Kleemann, H.-W., see Kramer, W. (1027) 25
Kramer, W., Girbig, F., Gutjahr, U., Kleemann, H.-W., Leipe, I., Urbach, H. and Wagner, A.
Interaction of renin inhibitors with the intestinal uptake system for oligopeptides and β-lactam antibiotics (1027) 25
Kuroko, M., see Katsu, T. (1027) 185
Kwon, H.M.
Radiation target sizes of the Na,K-ATPase and *p*-aminohippurate transport system in the basolateral membrane of renal proximal tubule (1027) 253

Labotka, R.J., see Galanter, W.L. (1027) 65
Lardy, H., see Breitbart, H. (1027) 72
Law, R.H.P. and Nagley, P.
Import into mitochondria of precursors containing hydrophobic passenger proteins: pretreatment of precursors with urea inhibits import (1027) 141
Leipe, I., see Kramer, W. (1027) 25
Letellier, L., see Collura, V. (1027) 238

Maffia, M., Cassano, G., Marcucci, D., Vilella, S. and Storelli, C.
The $Na^+$-dependent proline carrier, of eel intestinal brush-border membrane, sequentially binds proline and then $Na^+$ (1027) 8
Mann, D.F., see Van Winkle, L.J. (1027) 268
Mantsch, H.H., see Hübner, W. (1027) 229
Marcucci, D., see Maffia, M. (1027) 8
Marsh, D., see Arias, H.R. (1027) 287
McNamee, M.G., see Bhushan, A. (1027) 93
Mercier, G., see Oth, D. (1027) 47
Monti, J.P., Baz, M., Elsen, R., Berland, Y.F. and Crevat, A.D.
High-resolution NMR studies of transmembrane cation transport in uremic patients (1027) 31
Morikawa, T., see Katsu, T. (1027) 185
Mouneimne, Y., Tosi, P.-F., Barhoumi, R. and Nicolau, C.
Electroinsertion of full length recombinant CD4 into red blood cell membrane (1027) 53
Munck, B.G., see Munck, L.K. (1027) 17
Munck, L.K. and Munck, B.G.
Chloride-dependence of amino acid transport in rabbit ileum (1027) 17

Nagley, P., see Law, R.H.P. (1027) 141
Nicolau, C., see Mouneimne, Y. (1027) 53

Oth, D., Mercier, G., Tremblay, P., Thérien, H.M., Bégin, M.E., Ells, G. and Potworowski, E.
Modulation of CD4 expression on lymphoma cells transplanted to mice fed ($n-3$) polyunsaturated fatty acids (1027) 47

Painter, G.R., see Grunwald, R. (1027) 245
Parisi, M., see Escobar, E. (1027) 257
Pastan, I., see Horio, M. (1027) 116
Phillips, M.C., see Gold, J.C. (1027) 85
Pohl, P., Antonenko, Y.N. and Yaguzhinsky, L.S.
Kinetic properties of cation/$H^+$-exchange: calcimycin (A23187)-mediated $Ca^{2+}/2H^+$-exchange on the bilayer lipid membrane (1027) 295
Potworowski, E., see Oth, D. (1027) 47

Ramirez, V., see Schwartz, Z. (1027) 278
Rastogi, A., see Verma, S.P. (1027) 59
Rega, A.F., see Caride, A.J. (1027) 21
Romero, P.J., see Benaim, G. (1027) 79
Rossi, J.P.F.C., see Caride, A.J. (1027) 21

Sakurai, H., see Kitagawa, S. (1027) 123
Sanchika, K., see Katsu, T. (1027) 185
Sankaram, M.B., see Arias, H.R. (1027) 287
Sarkadi, B., Tordai, A. and Gárdos, G.
Membrane depolarization selectively inhibits receptor-operated calcium channels in human T (Jurkat) lymphoblasts (1027) 130
Schulzke, J.-D., see Fromm, M. (1027) 179
Schwartz, Z., Swain, L.D., Ramirez, V. and Boyan, B.D.
Regulation of arachidonic acid turnover by 1,25-$(OH)_2D_3$ and 24,25-$(OH)_2D_3$ in growth zone and resting zone chondrocyte cultures (1027) 278
Shinoda, S., see Katsu, T. (1027) 185
Stafford, A.R., see Boscoboinik, D. (1027) 225
Storelli, C., see Maffia, M. (1027) 8
Sung, K.-L.P., see Chi, L.-M. (1027) 163
Swain, L.D., see Schwartz, Z. (1027) 278

Thérien, H.M., see Oth, D. (1027) 47
Tordai, A., see Sarkadi, B. (1027) 130
Tosi, P.-F., see Mouneimne, Y. (1027) 53
Tremblay, P., see Oth, D. (1027) 47
Tsuchiya, K., see Kitagawa, S. (1027) 123
Tykocinski, M., see Fromm, M. (1027) 179

Urbach, H., see Kramer, W. (1027) 25

Van den Bosch, H., see Hardeman, D. (1027) 149
Van den Brink, J.M., see Hardeman, D. (1027) 149
Van Winkle, L.J., Mann, D.F., Campione, A.L. and Farrington, B.H.
Transport of benzenoid amino acids by system T and four broad scope systems in preimplantation mouse conceptuses (1027) 268

Verma, S.P. and Rastogi, A.
Organic pesticides modify lipid-lipid and lipid-protein domains in model membranes. A laser Raman study (1027) 59
Versantvoort, C., see Hardeman, D. (1027) 149
Vilella, S., see Maffia, M. (1027) 8

Wagner, A., see Kramer, W. (1027) 25
Wattiaux-De Coninck, S., see Jadot, M. (1027) 205
Wattiaux, R., see Jadot, M. (1027) 205
Wehbie, R., see Breitbart, H. (1027) 72
Wehner, G., Friedmann, B. and Zimmermann, U.
Biphasic voltage relaxation pattern observed in cells of *Eremosphaera viridis* after injection of charge-pulses of short duration: detection of tip clogging of intracellular microelectrodes by charge-pulse technique (1027) 105
Wong, P.T.T., see Hübner, W. (1027) 229
Wu, W., see Chi, L.-M. (1027) 163

Yaguzhinsky, L.S., see Pohl, P. (1027) 295
Yamanaka, H., see Katsu, T. (1027) 185

Zimmermann, U., see Wehner, G. (1027) 105